

JAN 17 1982

U.S. DEPARTMENT OF LABOR  
WORKPLACE STANDARDS ADMINISTRATION  
BUREAU OF LABOR STANDARDS  
**MATERIAL SAFETY DATA SHEET**

FORM NO OSHA-20 (MODIFIED)  
MAY 1971

*Deleted 5/81*  
**DPM-1177-1**  
MDC CONTROL NO. \_\_\_\_\_

**SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION**

MANUFACTURER'S NAME <b>Churchill Chemical Corp.</b>		EMERGENCY TELEPHONE NO. <b>(213) 269-9461</b>
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) <b>3137 E. 26th Street, Los Angeles, Ca. 90023</b>		
CHEMICAL NAME AND SYNONYMS <b>Polysulfide</b>	TRADE NAME AND SYNONYMS <b>3C-1300 Frozen</b>	
CHEMICAL FAMILY <b>Polysulfide</b>	FORMULA <b>HS-R-SH</b>	

**SECTION II: HAZARDOUS INGREDIENTS\***

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS <b>Carbonates-Lithopone</b>	~ 30		BASE METAL		
CATALYST <b>Lead Peroxide</b>	~ 10		ALLOYS		
VEHICLE <b>Polysulfide Polymer</b>	~ 60		METALLIC COATINGS		
SOLVENTS <b>Toluene</b>	~ 1.5		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES <b>Adhesion Promoter</b>	~ 2		OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)

**SECTION III: PHYSICAL DATA**

BOILING POINT (°F)	NA	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER	NA		
APPEARANCE AND ODOR	<b>Tan to Brown</b>		

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED) <b>Open cup 180°F</b>	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA <b>CO<sub>2</sub>, water, dry chemicals</b>			
SPECIAL FIRE FIGHTING PROCEDURES <b>None</b>			

UNUSUAL FIRE AND EXPLOSION HAZARDS

**None**

\*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.  
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

## SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 5-8 g/kilo

## EFFECTS OF OVEREXPOSURE

May cause skin or eye irritation

## EMERGENCY AND FIRST AID PROCEDURES

Wash affected area thoroughly with soap and water, in case of eye contact  
use clear water. Call Physician

## SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

## INCOMPATIBILITY (MATERIALS TO AVOID)

None

## HAZARDOUS DECOMPOSITION PRODUCTS

Sulfides

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	High temperatures Over 300°F

## SECTION VII: SPILL OR LEAK PROCEDURES

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Regular Clean-up

## WASTE DISPOSAL METHOD

Regular waste disposal

## SECTION VIII: SPECIAL PROTECTION INFORMATION

## RESPIRATORY PROTECTION (SPECIFY TYPE)

No special protection

VENTILATION	LOCAL EXHAUST	Yes	SPECIAL	None
	MECHANICAL (GENERAL)		OTHER	

PROTECTIVE GLOVES	Recommended	EYE PROTECTION	Recommended
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OTHER PROTECTIVE EQUIPMENT	None
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## SECTION IX: SPECIAL PRECAUTIONS

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Wash thoroughly after handling, store below 85°F.

Special storage of below 40°F for frozen material

OTHER PRECAUTIONS	None
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M.B. Smith  
PREPARED BY



4/75  
DATE